

FIG. 1



**FIG. 2**

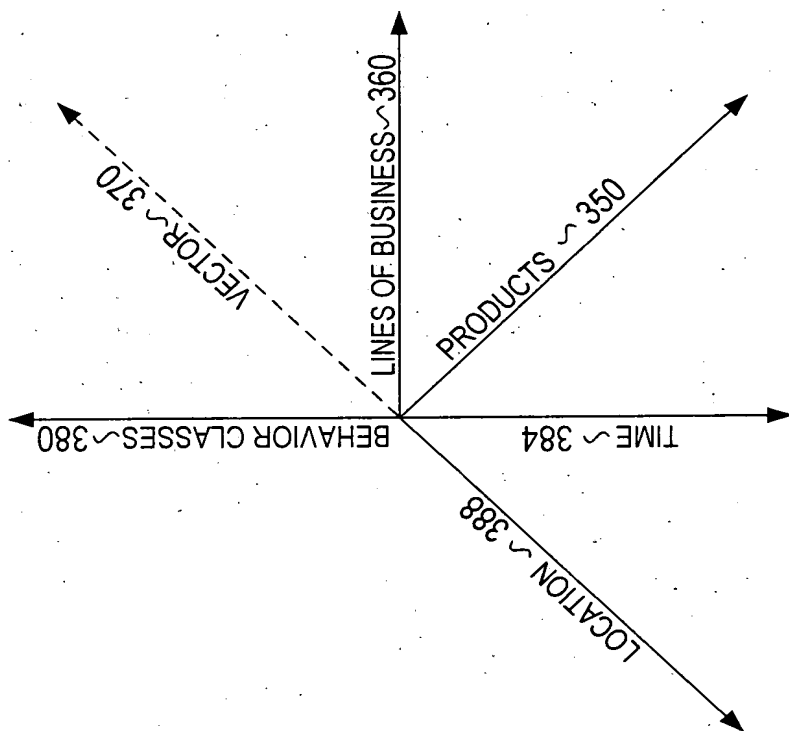


FIG. 3

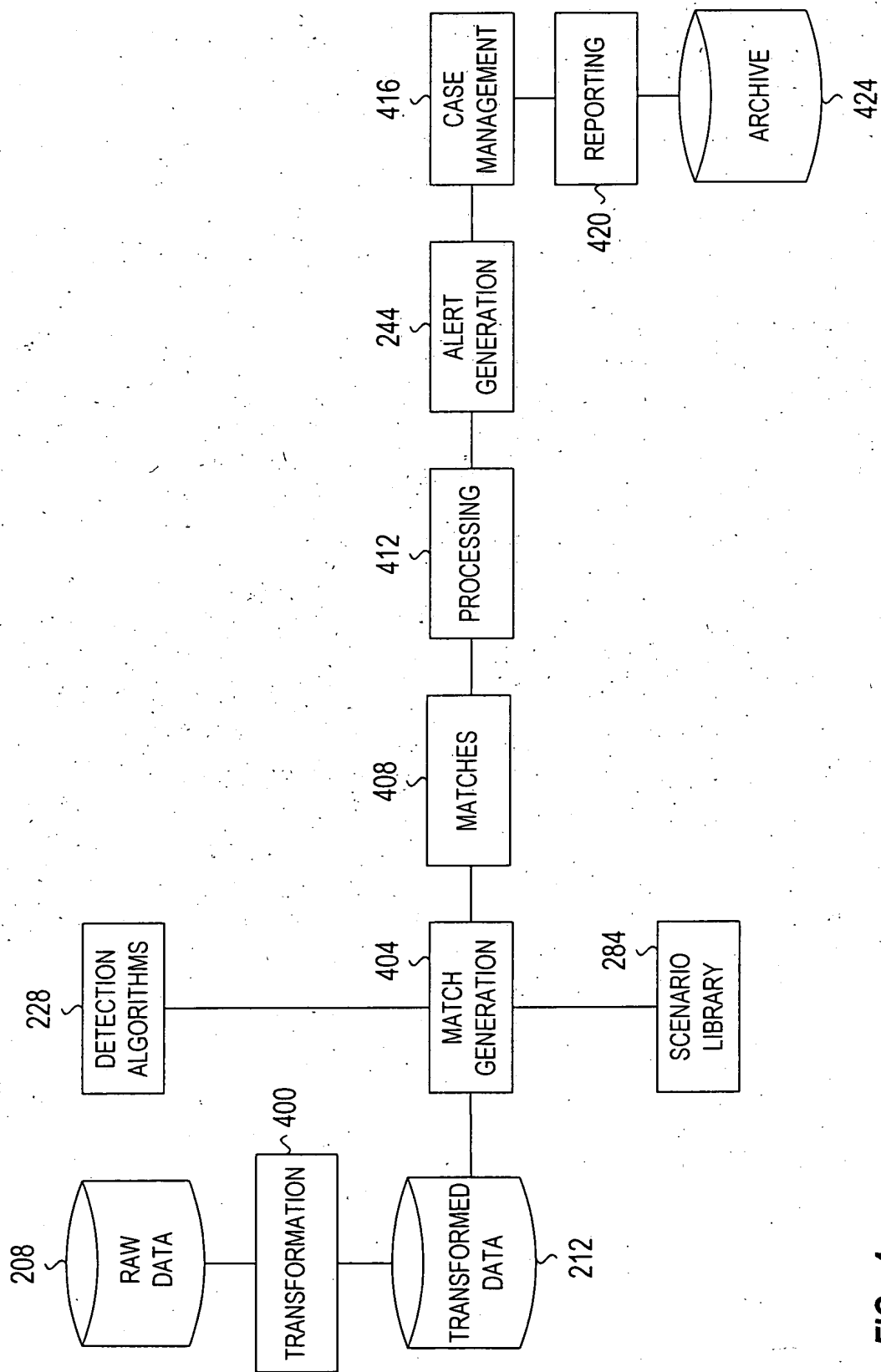


FIG. 4

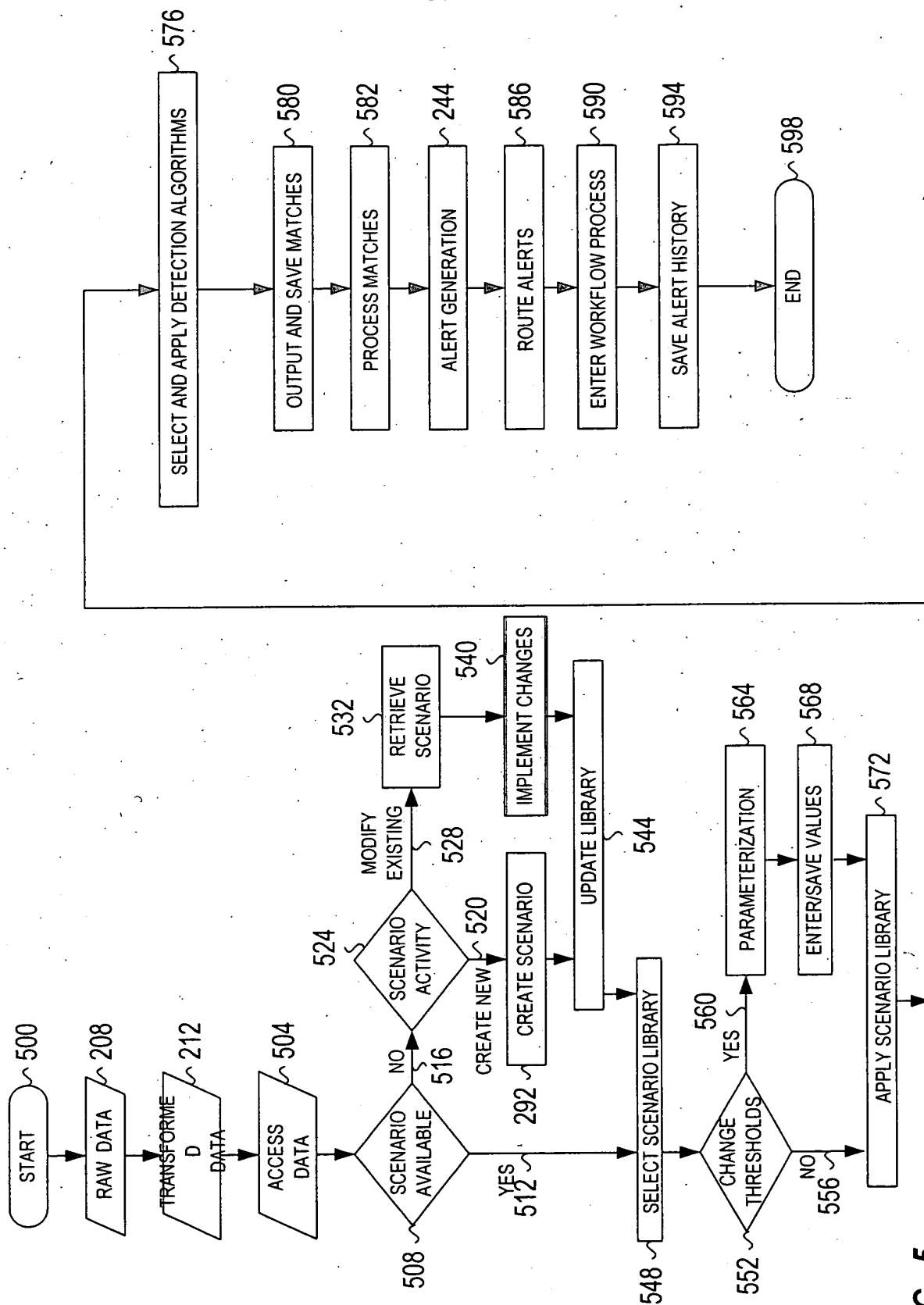


FIG. 5

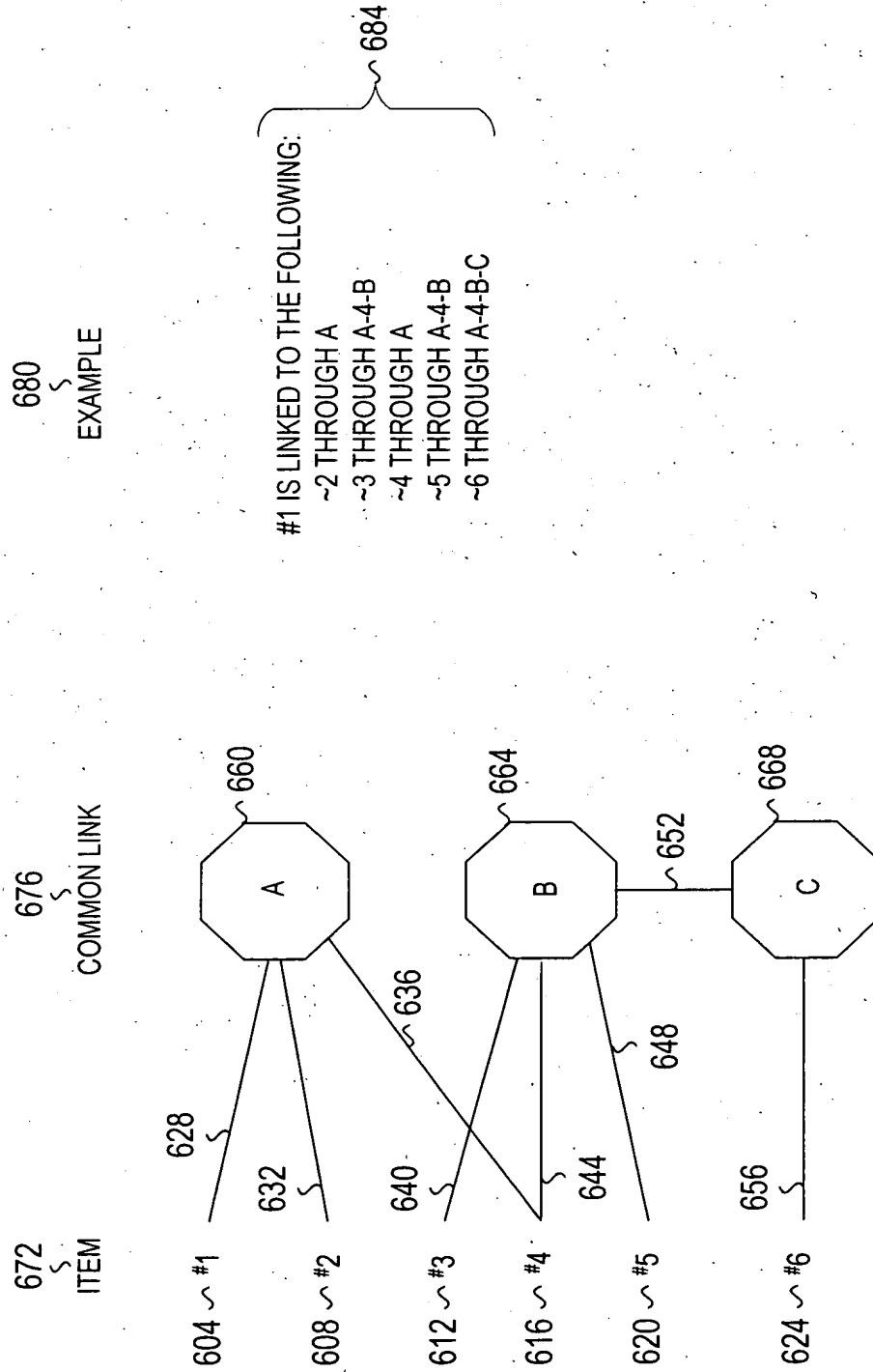


FIG. 6

7/38

FIND AAA IN THE FOLLOWING STREAM OF EVENTS: ~712  
ABCACBCAAABCBACBCCBA<sup>721</sup>AAAABBC ~716  
<sup>72A</sup>

AB\*A MEANS "FIND AN A FOLLOWED BY ZERO OR MORE B'S FOLLOWED  
BY AN A". ~ 732

CADAACDBADADABABBBBACDABDACBDB ~ 736

740 744 748

A(BC)\* MEANS "FIND AN A FOLLOWED BY ONE OR MORE BC PAIRS" ~ 752

DCBCABCDCABCBCBCBBD ~ 756

160 ~ 164 ~ 768  
172 ~ 776

**FIG. 7**

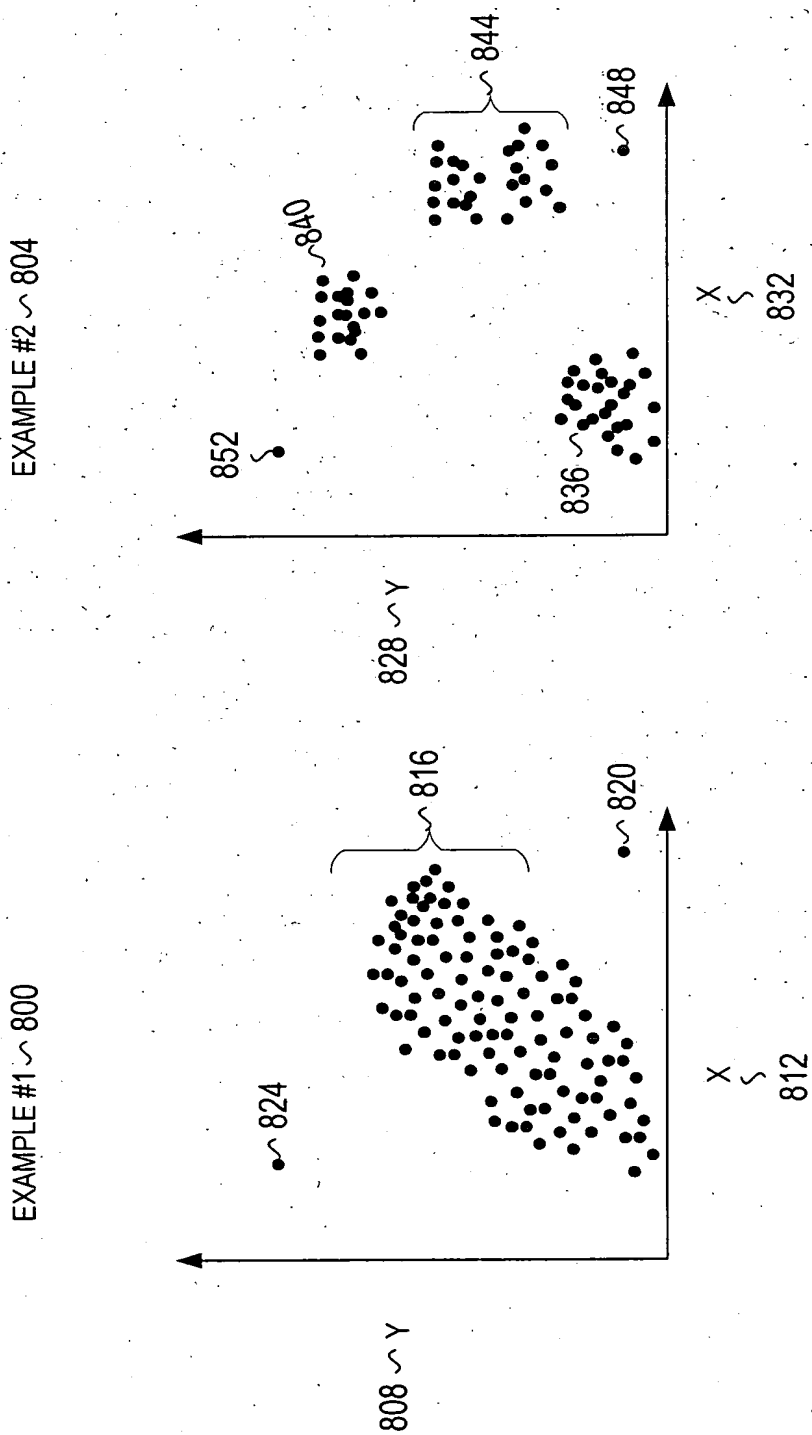


FIG. 8



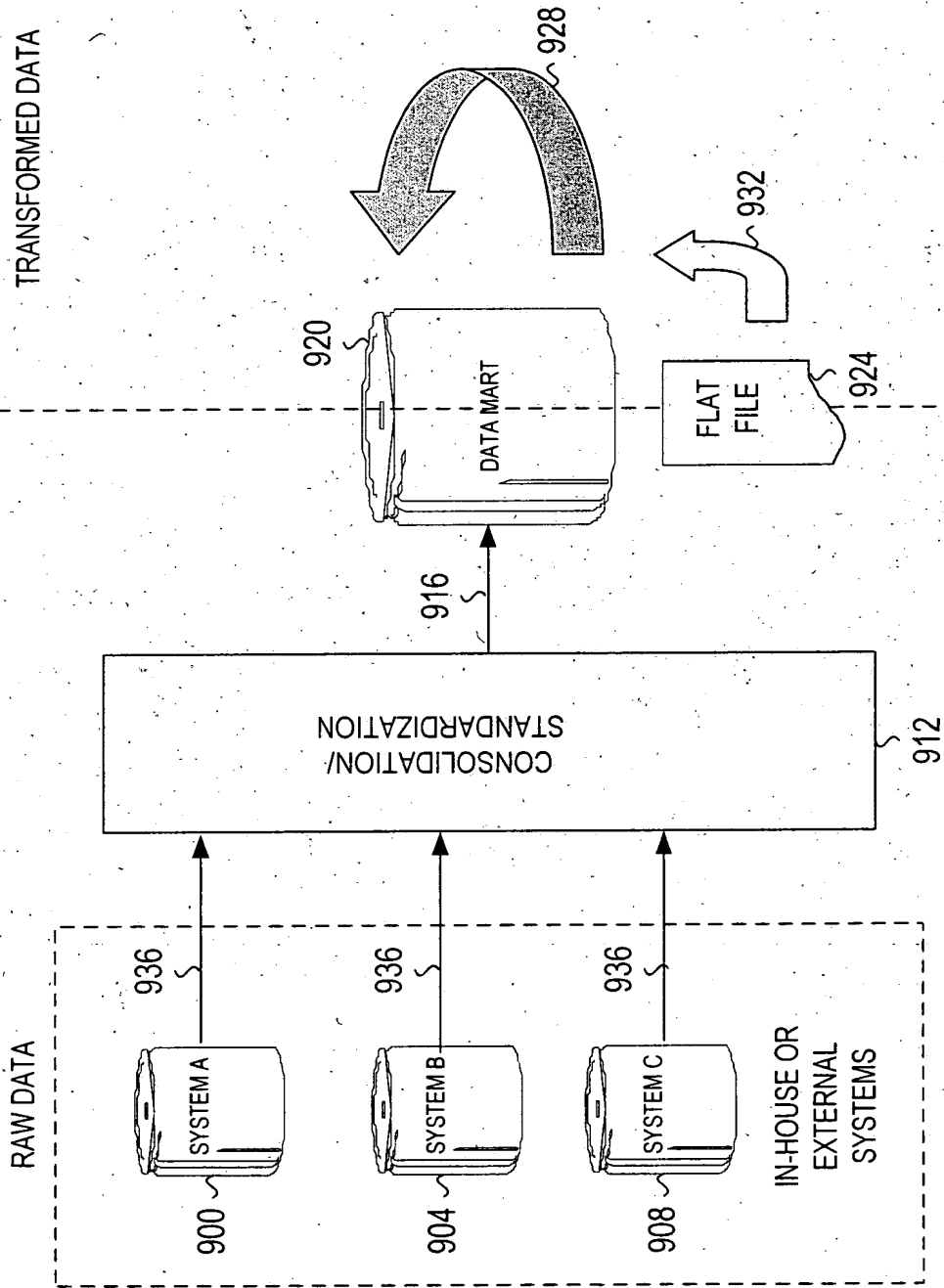


FIG. 9A

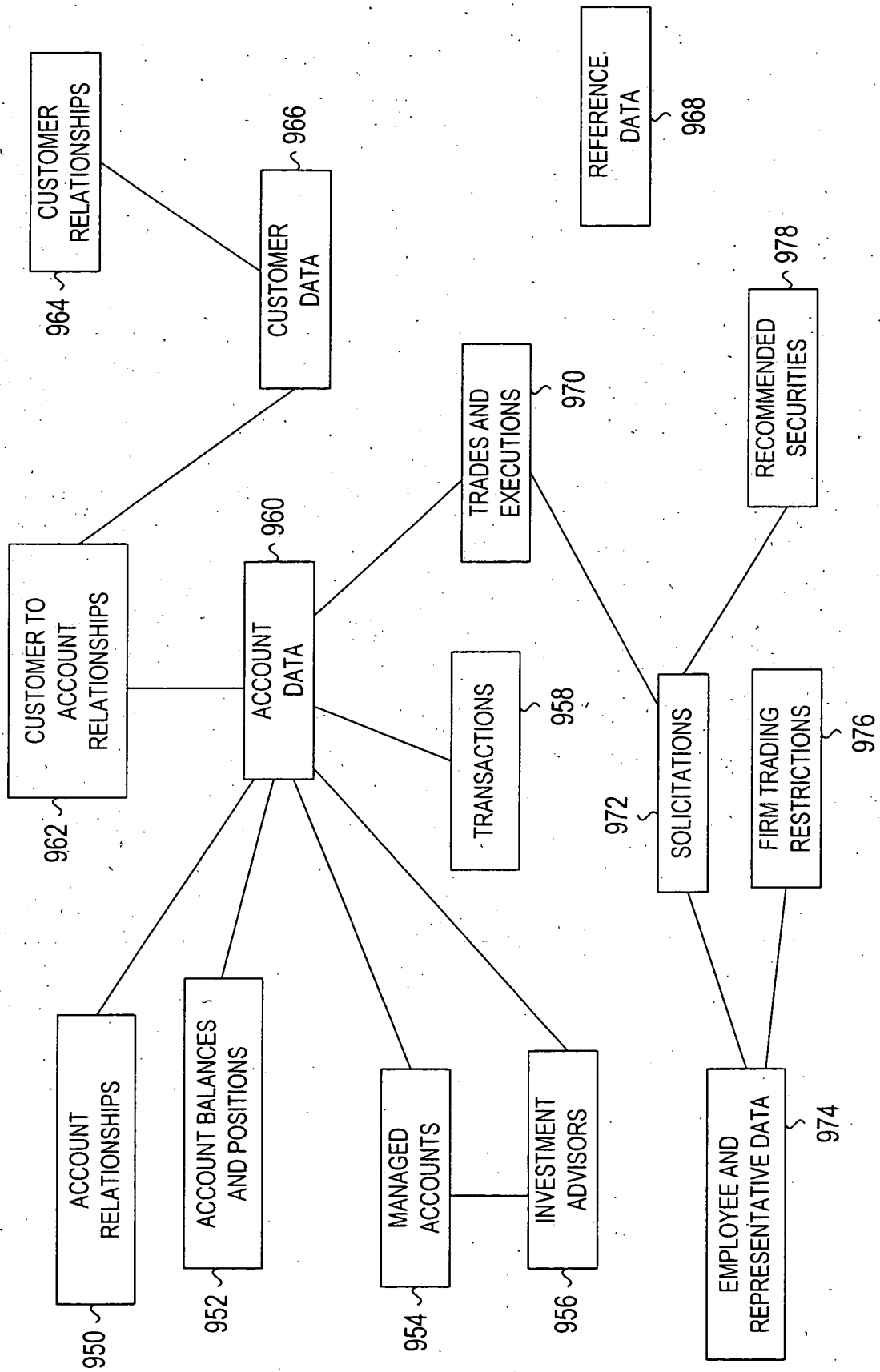
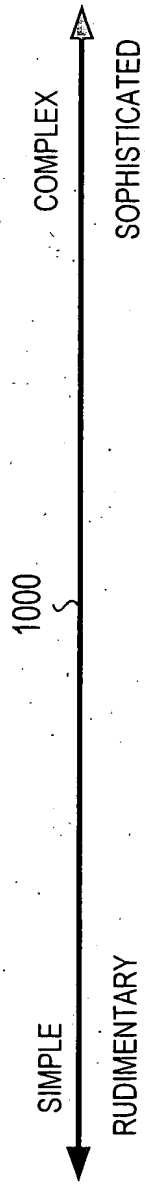


FIG. 9B



1004



1008



1012

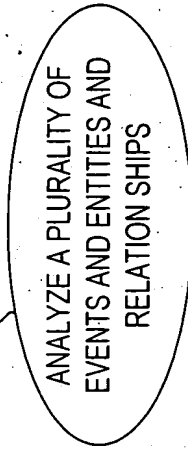


FIG. 10

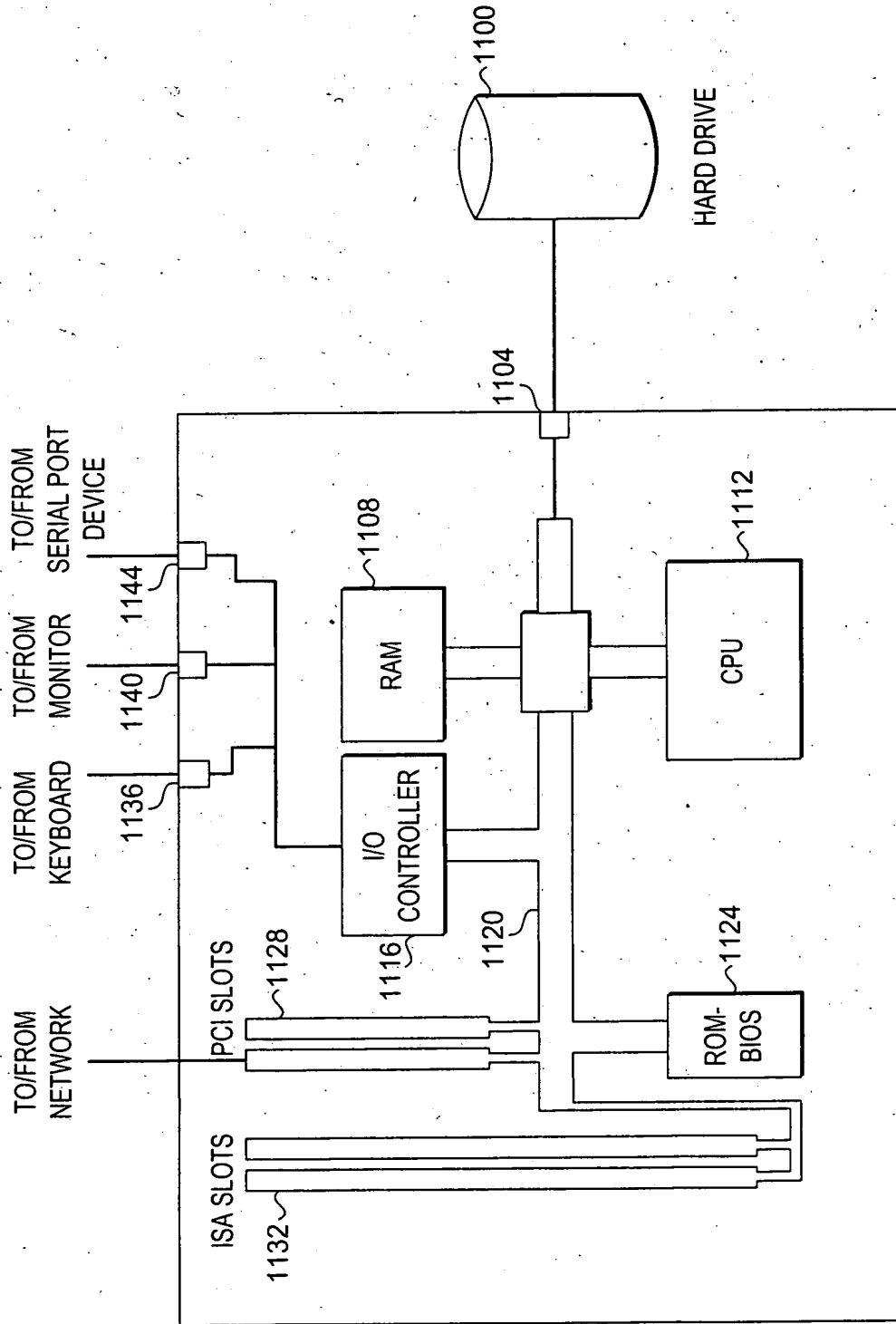


FIG. 11

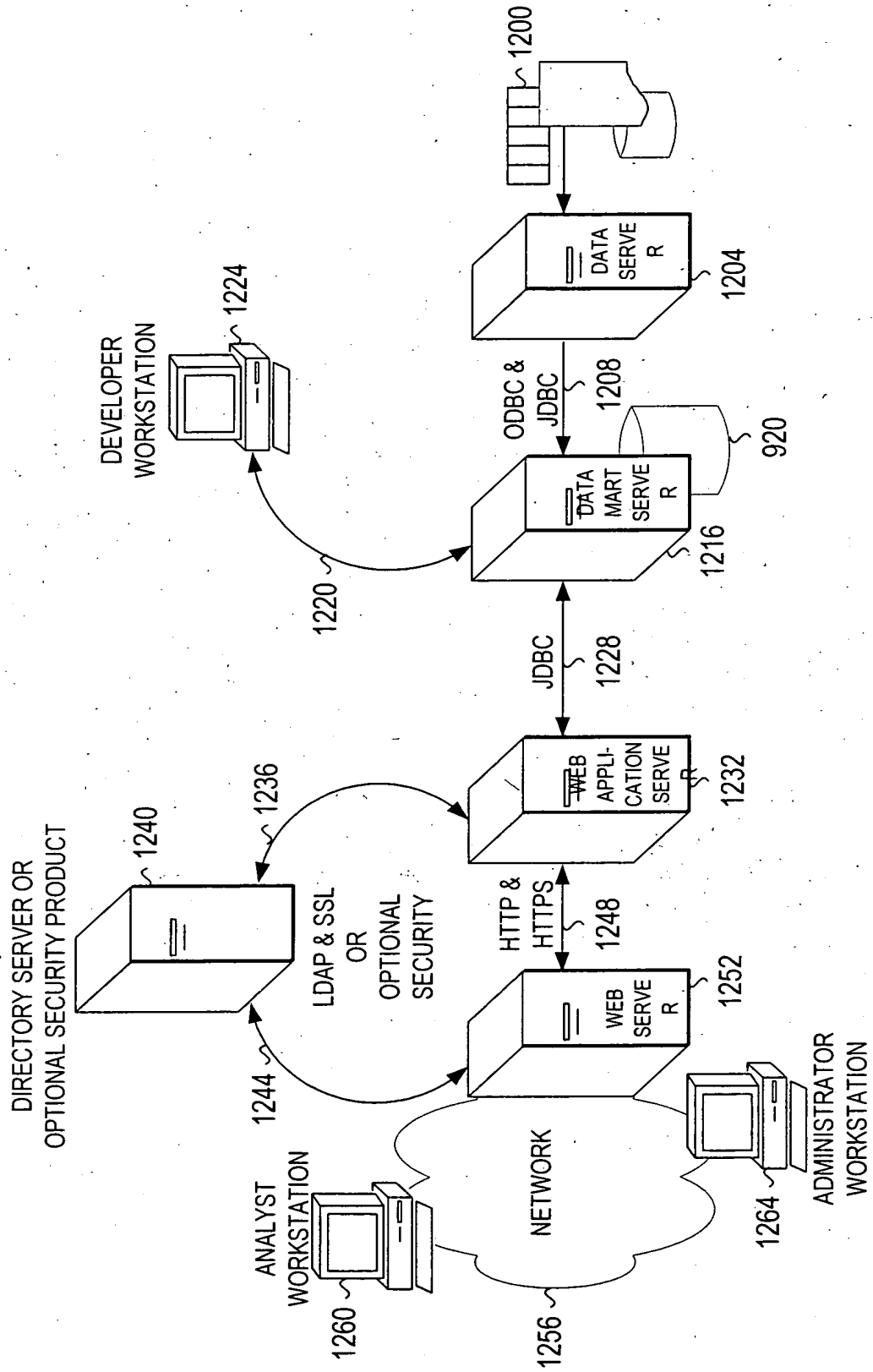


FIG. 12

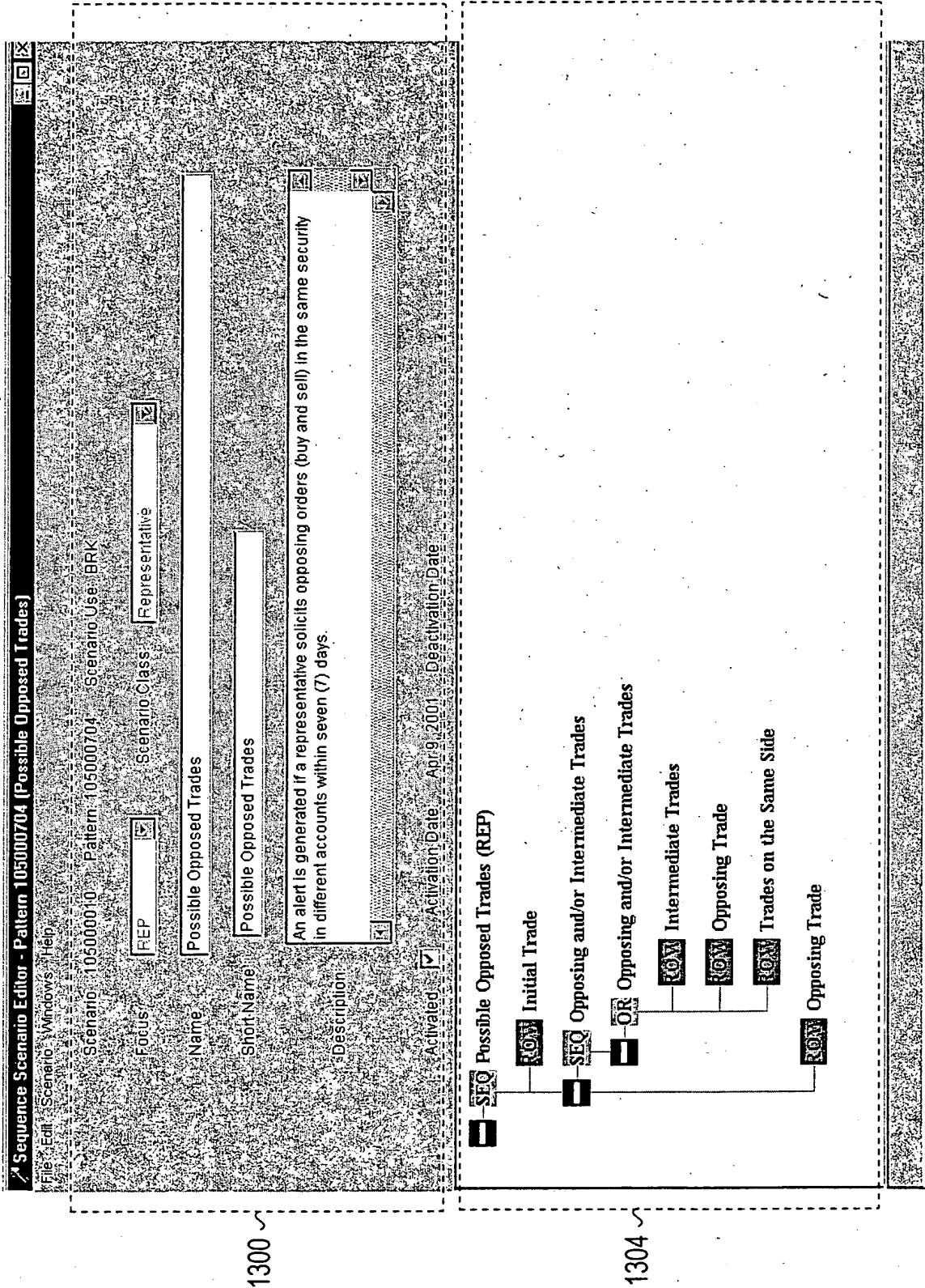


FIG. 13

1404
$$+$$





To change the alerts displayed, use the controls below.

**Review the alerts below. For detailed information about an alert, click the details button.**

Alert List      Displayed: 1 of 10 of 26 Alerts      Help

**ENTREPRENEUR**  
LIFE AND THE  
ART OF ACTION

一、凡在本行存款，利息按日计算，按月结息。

	Index	Scene	Location	Prior Owner	Dig Age	Status Details
==	99	CB West Marchand B	QMB M. Secunderabad No	Maine 35	Glowchar 17	A.Wednesday CB 2 Over

	CD	CD max instruction D.M.	CINO, IN + Sequence no	USD 20,200, AILENTS, SQ # 000695, I,	Z	AVAILMENT CEN Z	CPLAN	DETAILS
				\$ Accts, 1				

95 AD 312 New Jersey Ave HDR M. Return  
USD 9,000 Items, 18 Pouches, 1  
AYWELMEN CLR 2 Open  
Battling

CN	Chambre - Furets	USD 542 000	#Furcuts Trains d'Orléans	Avg/Acquired FIN 2	Oreos	Darville
- 95	AC 1234567-001			0		

**STRENGTH**

94	ENTHEDIC: Travel	AFARM	FIN" S	Open	Details
	MORI Funds Trans -	2			
	USD 904,488, 1149 37,000,000; #Funds				
	Recurr. C/D/BE				
	Trans 2: 40000				

[illegible]

TRANS.	DATE	DESCRIPTION	AMOUNT	BALANCE
1	1/1	Trans. 6, Acc'ts, 2.		

	FIN, 1	FIN, 2	Open	Details
911 CU Charles Smythe, ...	0	JAN18	Open	
FOR: Funds Trans - CUEU, Caymans; USD 1,289,970; BP 900,000;				
				Funds Trans 4: \$400k

	#Actual Matches	#Unique Scenarios	AFactor	IDA	Open	Detail
89, JAC 1237659	1	2	0	1	1	1

[illegible]

B2	JCU Michael Macleay
	RNG "Road Worn Funds"
	USD 500 000 - 8 Trans in 3 @Trans out 3 @ 17
	US Vectors FIT 173
	Open Position

ACTS, 2

(60)	GEM HOLDING ENT., LTD.		USCRIT Clearing - Max Cash	USD 112,500; Deposits, 13, #items, 225;	GFelder	iCLRI2	iOpen	iDefining
------	------------------------	--	----------------------------	---	---------	--------	-------	-----------

Year	Value	Unit
2003	1.0	1000
2004	1.0	1000
2005	1.0	1000
2006	1.0	1000
2007	1.0	1000
2008	1.0	1000
2009	1.0	1000
2010	1.0	1000
2011	1.0	1000
2012	1.0	1000
2013	1.0	1000
2014	1.0	1000
2015	1.0	1000
2016	1.0	1000
2017	1.0	1000
2018	1.0	1000
2019	1.0	1000
2020	1.0	1000
2021	1.0	1000
2022	1.0	1000
2023	1.0	1000
2024	1.0	1000
2025	1.0	1000
2026	1.0	1000
2027	1.0	1000
2028	1.0	1000
2029	1.0	1000
2030	1.0	1000
2031	1.0	1000
2032	1.0	1000
2033	1.0	1000
2034	1.0	1000
2035	1.0	1000
2036	1.0	1000
2037	1.0	1000
2038	1.0	1000
2039	1.0	1000
2040	1.0	1000
2041	1.0	1000
2042	1.0	1000
2043	1.0	1000
2044	1.0	1000
2045	1.0	1000
2046	1.0	1000
2047	1.0	1000
2048	1.0	1000
2049	1.0	1000
2050	1.0	1000
2051	1.0	1000
2052	1.0	1000
2053	1.0	1000
2054	1.0	1000
2055	1.0	1000
2056	1.0	1000
2057	1.0	1000
2058	1.0	1000
2059	1.0	1000
2060	1.0	1000
2061	1.0	1000
2062	1.0	1000
2063	1.0	1000
2064	1.0	1000
2065	1.0	1000
2066	1.0	1000
2067	1.0	1000
2068	1.0	1000
2069	1.0	1000
2070	1.0	1000
2071	1.0	1000
2072	1.0	1000
2073	1.0	1000
2074	1.0	1000
2075	1.0	1000
2076	1.0	1000
2077	1.0	1000
2078	1.0	1000
2079	1.0	1000
2080	1.0	1000
2081	1.0	1000
2082	1.0	1000
2083	1.0	1000
2084	1.0	1000
2085	1.0	1000
2086	1.0	1000
2087	1.0	1000
2088	1.0	1000
2089	1.0	1000
2090	1.0	1000
2091	1.0	1000
2092	1.0	1000
2093	1.0	1000
2094	1.0	1000
2095	1.0	1000
2096	1.0	1000
2097	1.0	1000
2098	1.0	1000
2099	1.0	1000
2100	1.0	1000

**CHICKEN & BAKED RICE**

.....

1CEC 1CEA 1CEO

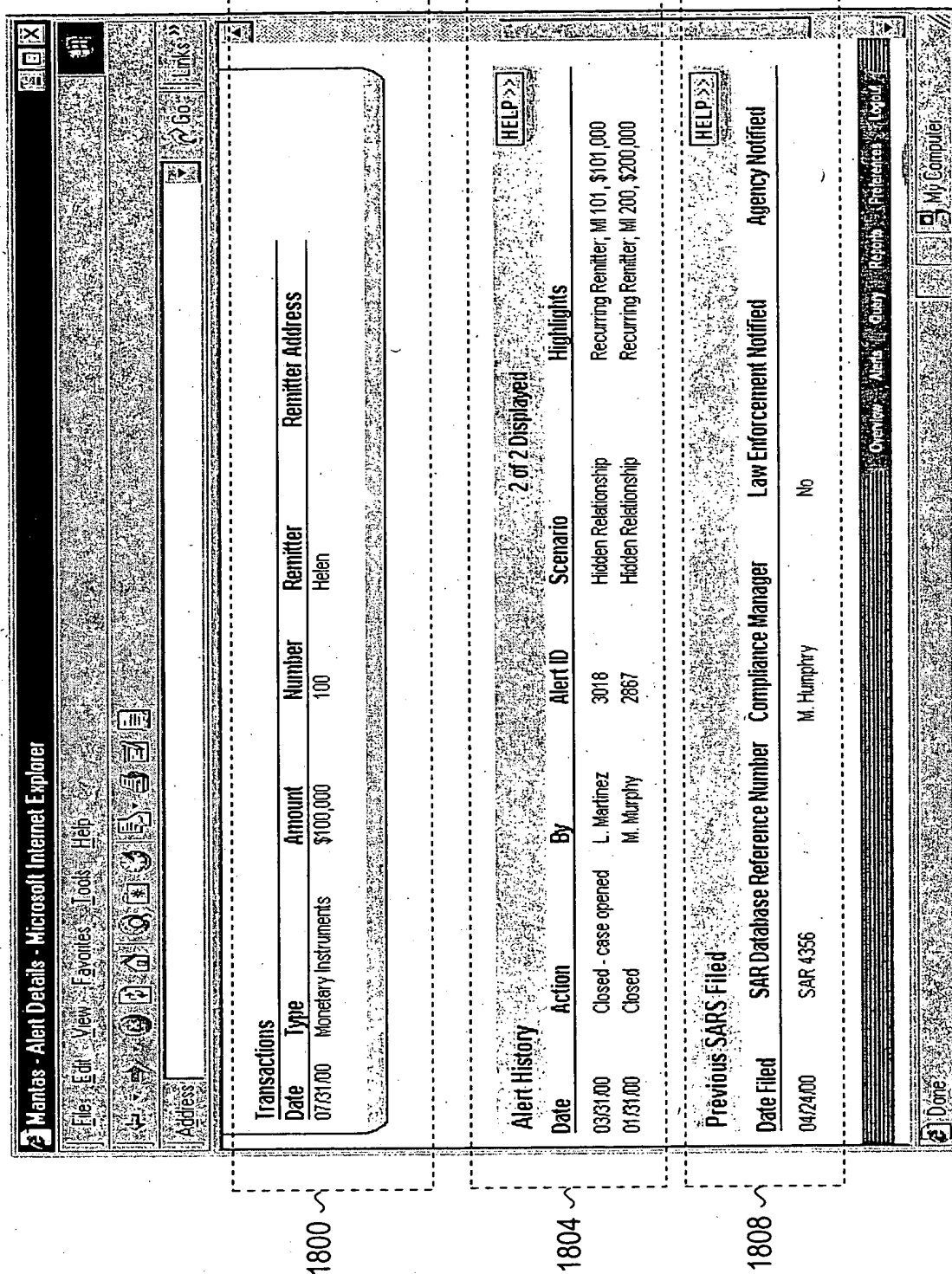
1640	1641	1642	1644	1646
1636	1634	1630	1628	1626

1070	1071	1072	1073	1074	1075
1648	1652	1650			

.....

Enterprise AML Alerts										Details		Client Bank		Summary		Transactions		History		Actions	
<p><b>Status:</b> OPEN</p> <p><b>Focus:</b> CB Manufacturers Merchant Bank  <b>Scenario:</b> Mfr - Sequential No.  <b>Class:</b> OMB  <b>Highlights:</b> USD 25,200; #Items: 36; #Pouches: 1; #Accts: 1</p> <p><b>Owner:</b> WAO44207  <b>Orig:</b> CLR  <b>Score:</b> 99  <b>Prior:</b> 3  <b>Created:</b> 1008/2001</p> <p><b>Type:</b> Bus Unit    <b>Watchlist Location:</b> 15 Trinidad Terrace, Kingston 5, JM</p> <p><b>Client Bank ID:</b> Name    Manufacturer's Merchant Bank    FCITI</p>																					
Cash Products, Check Transactions																					
Post Date	Group ID	Src	Type	Serial/Check #	Amount	Name	Remitter	Acct No	Name	Beneficiary	Acct No	3P/ PT	Frgn Chk								
10/05/2001	066121234567	CLR	PMO	0161781053	USD 700	Antoinette Fuller		--	Samuel Birch	36176008	N	N									
10/05/2001	066121234567	CLR	PMO	0161781054	USD 700	Antoinette Fuller		--	Samuel Birch	36176008	N	N									
10/05/2001	066121234567	CLR	PMO	0161781055	USD 700	Nicola Reid		--	Samuel Birch	36176008	N	N									
10/05/2001	066121234567	CLR	PMO	0161781056	USD 700	Sophia Shepard		--	Samuel Birch	36176008	N	N									
10/05/2001	066121234567	CLR	PMO	0218171820	USD 700	Vernia Sewell		--	Samuel Birch	36176008	N	N									
10/05/2001	066121234567	CLR	PMO	0218171821	USD 700	Sophia Shepard		--	Samuel Birch	36176008	N	N									
10/05/2001	066121234567	CLR	PMO	0218171822	USD 700	Sophia Shepard		--	Samuel Birch	36176008	N	N									
10/05/2001	066121234567	CLR	PMO	0218171823	USD 700	Antoinette Fuller		--	Samuel Birch	36176008	N	N									
10/05/2001	066121234567	CLR	PMO	0218200136	USD 700	Nicola Reid		--	Samuel Birch	36176008	N	N									
10/05/2001	066121234567	CLR	PMO	0218200137	USD 700	Nicola Reid		--	Samuel Birch	36176008	N	N									
10/05/2001	066121234567	CLR	PMO	0218200138	USD 700	Erica Robinson		--	Samuel Birch	36176008	N	N									
10/05/2001	066121234567	CLR	PMO	0218200139	USD 700	John Washington		--	Samuel Birch	36176008	N	N									
10/05/2001	066121234567	CLR	PMO	8528804605	USD 700	John Washington		--	Samuel Birch	36176008	N	N									
10/05/2001	066121234567	CLR	PMO	8528804607	USD 700	John Washington		--	Samuel Birch	36176008	N	N									

**FIG. 17**



**FIG. 18**

MANTAS						Kiosk Alerts Inquiry Reports Preferences Logout
AML Reports ▶ Workload Management		Overview Workload Management Alert Disposition				
Select an Organization or User and a Scenario Class or specific Scenario for the report.						
Filter by:	Organization: [ ] or Owner: [All]	[ ]	Help			
	Scenario Class: [All] or Scenario: [All]	[ ]				
	Age >= [0]					
<b>Workload Management Report</b>						
Report Date: 04/20/01		Subject: All		Help		
Report Time: 14:32		Total	<5d	<=10d	>20d	
		474	456	17	9	
					0	
<b>Scenario Class: All Alerts 0 Days and older</b>						
Organization	Owner	New Alerts Alerts	Avg Time	Open Alerts Alerts	Reopened Alerts Alerts	Avg Time
IA Pool	user 1	100	1d, 2h	120	8	4d, 20h
	user 2	0	0d, 0h	40	6	4d, 2h
	user 3	0	0d, 0h	60	0	0d, 0h
	IA Pool	100	1d, 2h	20	2	5d, 12h
Fraud				0	0	0d, 0h
	user 4	0	0d, 0h	140	11	6d, 3h
	user 5	0	0d, 0h	100	5	5d, 22h
Money Laundering				40	6	6d, 12h
	user 6	0	0d, 0h	90	5	4d, 7h
	user 7	0	0d, 0h	50	4	5d, 6h
	user 8	0	0d, 0h	10	0	0d, 0h
Total		100	1d, 2h	350	1	8d, 3h
					24	5d, 17h

**FIG. 19**

<b>AML Reports</b>   Alert Disposition   Overview   Workload Management   Alert Disposition																																																																																																																																																																																																																								
Select an Organization or User and a Scenario Class or specific Scenario for the report.																																																																																																																																																																																																																								
Filter by:	Organization: <input type="text"/> or Owner: <input type="text"/>																																																																																																																																																																																																																							
	Alerts created between <input type="text"/> and <input type="text"/>																																																																																																																																																																																																																							
	Scenario Class: <input type="text"/> or Scenario: <input type="text"/>																																																																																																																																																																																																																							
	Score >= <input type="text"/>																																																																																																																																																																																																																							
<input type="button" value="Help"/>																																																																																																																																																																																																																								
<input type="button" value="Print Preview"/>																																																																																																																																																																																																																								
<b>Alert Disposition Report</b> Report Date: 04/20/01      Date Range: 04/16/01 - 04/20/01 Report Time: 14:32      Score: >= 25 Subject: All																																																																																																																																																																																																																								
<input type="button" value="Help"/>																																																																																																																																																																																																																								
<input type="button" value="Print Preview"/>																																																																																																																																																																																																																								
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: left;">Scenario Class: All</th> <th colspan="10" style="text-align: left;">Closing Details</th> </tr> <tr> <th>Organization</th> <th>Owner</th> <th>Available</th> <th>Not Closed</th> <th>Closed</th> <th>AWH</th> <th>IAE</th> <th>CO</th> <th>DUP</th> <th>CTR</th> <th>TTC</th> <th>CS3</th> <th>CS6</th> <th>CSY</th> <th>SAR</th> </tr> </thead> <tbody> <tr> <td>IA Pool</td> <td></td> <td>380</td> <td>30</td> <td>350</td> <td>40</td> <td>20</td> <td>0</td> <td>20</td> <td>25</td> <td>20</td> <td>10</td> <td>85</td> <td>130</td> <td>130</td> </tr> <tr> <td></td> <td>user 1</td> <td></td> <td>0</td> <td>95</td> <td>10</td> <td>5</td> <td>0</td> <td>5</td> <td>10</td> <td>0</td> <td>5</td> <td>25</td> <td>35</td> <td>35</td> </tr> <tr> <td></td> <td>user 2</td> <td></td> <td>0</td> <td>160</td> <td>20</td> <td>10</td> <td>0</td> <td>10</td> <td>10</td> <td>0</td> <td>0</td> <td>40</td> <td>70</td> <td>70</td> </tr> <tr> <td></td> <td>user 3</td> <td></td> <td>0</td> <td>95</td> <td>10</td> <td>5</td> <td>0</td> <td>5</td> <td>5</td> <td>20</td> <td>5</td> <td>20</td> <td>25</td> <td>25</td> </tr> <tr> <td></td> <td>IA Pool</td> <td>460</td> <td>10</td> <td>450</td> <td>100</td> <td>0</td> <td>10</td> <td>60</td> <td>0</td> <td>40</td> <td>40</td> <td>100</td> <td>100</td> <td>100</td> </tr> <tr> <td>Fraud</td> <td></td> <td></td> <td>7</td> <td>109</td> <td>4</td> <td>0</td> <td>5</td> <td>0</td> <td>0</td> <td>10</td> <td>0</td> <td>40</td> <td>50</td> <td>50</td> </tr> <tr> <td></td> <td>user 1</td> <td></td> <td>3</td> <td>341</td> <td>96</td> <td>0</td> <td>5</td> <td>60</td> <td>0</td> <td>30</td> <td>40</td> <td>60</td> <td>50</td> <td>50</td> </tr> <tr> <td></td> <td>user 2</td> <td></td> <td>10</td> <td>200</td> <td>50</td> <td>30</td> <td>20</td> <td>10</td> <td>10</td> <td>10</td> <td>15</td> <td>15</td> <td>40</td> <td>40</td> </tr> <tr> <td>Money Laundering</td> <td></td> <td>210</td> <td>7</td> <td>100</td> <td>25</td> <td>15</td> <td>10</td> <td>5</td> <td>5</td> <td>5</td> <td>7</td> <td>8</td> <td>20</td> <td>20</td> </tr> <tr> <td></td> <td>user 1</td> <td></td> <td>3</td> <td>100</td> <td>25</td> <td>15</td> <td>10</td> <td>5</td> <td>5</td> <td>5</td> <td>8</td> <td>7</td> <td>20</td> <td>20</td> </tr> <tr> <td></td> <td>user 2</td> <td></td> <td>50</td> <td>1000</td> <td>190</td> <td>50</td> <td>30</td> <td>90</td> <td>35</td> <td>70</td> <td>65</td> <td>200</td> <td>270</td> <td>270</td> </tr> <tr> <td>Total:</td> <td></td> <td>1050</td> <td>50</td> <td>1000</td> <td>40</td> <td>20</td> <td>10</td> <td>100</td> <td>100</td> <td>200</td> <td>200</td> <td>400</td> <td>400</td> <td>400</td> </tr> </tbody> </table>										Scenario Class: All		Closing Details										Organization	Owner	Available	Not Closed	Closed	AWH	IAE	CO	DUP	CTR	TTC	CS3	CS6	CSY	SAR	IA Pool		380	30	350	40	20	0	20	25	20	10	85	130	130		user 1		0	95	10	5	0	5	10	0	5	25	35	35		user 2		0	160	20	10	0	10	10	0	0	40	70	70		user 3		0	95	10	5	0	5	5	20	5	20	25	25		IA Pool	460	10	450	100	0	10	60	0	40	40	100	100	100	Fraud			7	109	4	0	5	0	0	10	0	40	50	50		user 1		3	341	96	0	5	60	0	30	40	60	50	50		user 2		10	200	50	30	20	10	10	10	15	15	40	40	Money Laundering		210	7	100	25	15	10	5	5	5	7	8	20	20		user 1		3	100	25	15	10	5	5	5	8	7	20	20		user 2		50	1000	190	50	30	90	35	70	65	200	270	270	Total:		1050	50	1000	40	20	10	100	100	200	200	400	400	400
Scenario Class: All		Closing Details																																																																																																																																																																																																																						
Organization	Owner	Available	Not Closed	Closed	AWH	IAE	CO	DUP	CTR	TTC	CS3	CS6	CSY	SAR																																																																																																																																																																																																										
IA Pool		380	30	350	40	20	0	20	25	20	10	85	130	130																																																																																																																																																																																																										
	user 1		0	95	10	5	0	5	10	0	5	25	35	35																																																																																																																																																																																																										
	user 2		0	160	20	10	0	10	10	0	0	40	70	70																																																																																																																																																																																																										
	user 3		0	95	10	5	0	5	5	20	5	20	25	25																																																																																																																																																																																																										
	IA Pool	460	10	450	100	0	10	60	0	40	40	100	100	100																																																																																																																																																																																																										
Fraud			7	109	4	0	5	0	0	10	0	40	50	50																																																																																																																																																																																																										
	user 1		3	341	96	0	5	60	0	30	40	60	50	50																																																																																																																																																																																																										
	user 2		10	200	50	30	20	10	10	10	15	15	40	40																																																																																																																																																																																																										
Money Laundering		210	7	100	25	15	10	5	5	5	7	8	20	20																																																																																																																																																																																																										
	user 1		3	100	25	15	10	5	5	5	8	7	20	20																																																																																																																																																																																																										
	user 2		50	1000	190	50	30	90	35	70	65	200	270	270																																																																																																																																																																																																										
Total:		1050	50	1000	40	20	10	100	100	200	200	400	400	400																																																																																																																																																																																																										
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: left;">Closing Reasons</th> <th>TTC</th> <th>Transfer</th> </tr> </thead> <tbody> <tr> <td>AWH</td> <td>Action Withheld</td> <td></td> <td></td> </tr> <tr> <td>IAE</td> <td>Invalid Alert - System Error</td> <td>CS3</td> <td>Close and Suppress 3 months</td> </tr> <tr> <td>CO</td> <td>Case Opened</td> <td>CS6</td> <td>Close and Suppress 6 months</td> </tr> <tr> <td>DUP</td> <td>Duplicate</td> <td>CSY</td> <td>Close and Suppress 1 year</td> </tr> <tr> <td>CTR</td> <td>CTR Filed</td> <td>SAR</td> <td>Suspicious Activity Report Filed</td> </tr> </tbody> </table>										Closing Reasons		TTC	Transfer	AWH	Action Withheld			IAE	Invalid Alert - System Error	CS3	Close and Suppress 3 months	CO	Case Opened	CS6	Close and Suppress 6 months	DUP	Duplicate	CSY	Close and Suppress 1 year	CTR	CTR Filed	SAR	Suspicious Activity Report Filed																																																																																																																																																																																							
Closing Reasons		TTC	Transfer																																																																																																																																																																																																																					
AWH	Action Withheld																																																																																																																																																																																																																							
IAE	Invalid Alert - System Error	CS3	Close and Suppress 3 months																																																																																																																																																																																																																					
CO	Case Opened	CS6	Close and Suppress 6 months																																																																																																																																																																																																																					
DUP	Duplicate	CSY	Close and Suppress 1 year																																																																																																																																																																																																																					
CTR	CTR Filed	SAR	Suspicious Activity Report Filed																																																																																																																																																																																																																					

**FIG. 20**

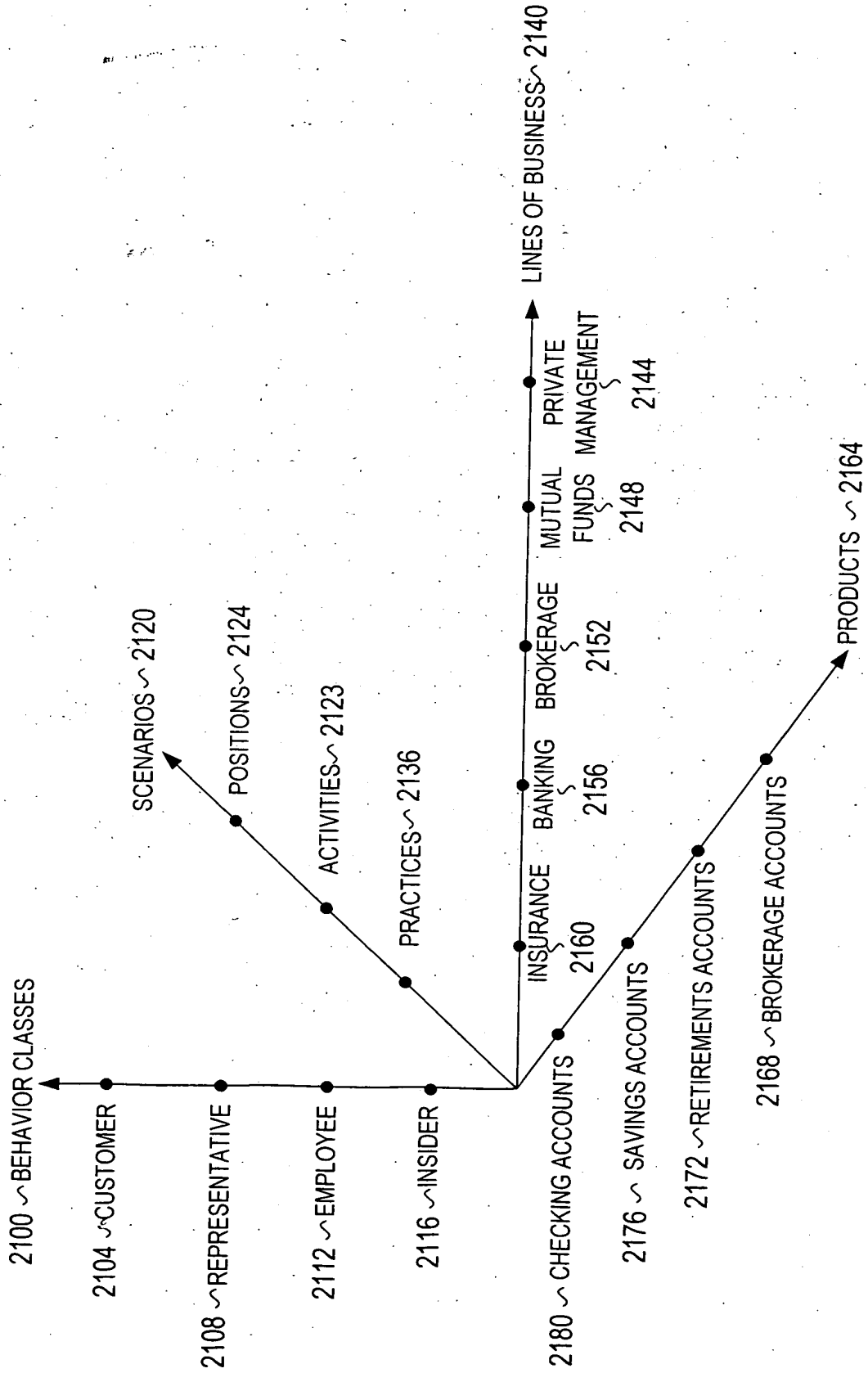


FIG. 21

Parameter	Description	Default	Min	Max
Conc Posn MVL	The minimum amount that must be concentrated in a single equity security to receive an alert.	\$400K	\$75K	\$10M
Conc %	The percentage portfolio concentration in a single security required to receive an alert. This figure is computed by comparing market value of the holdings in the concentrated security to the total cash and security value.	80%	40%	100%
Equity %	The equity percentage at or below which an account can be considered for an alert.	40%	0%	90%
Accts on Margin	For household-level alerts, the minimum number of accounts in the household that must be trading on margin (i.e., have an equity percentage less than 100) and be concentrated in the same security as the household in order to receive an alert.	2	2	10
% Change	The percent change in the direction of interest that must occur for a situation to be considered significantly different from the previous month. If this occurs, an alert will be generated even if the account/household met the criteria during the previous month.	15%	0%	100%

Parameter	Description	Default	Min	Max
Low-Pr Sec MVL	The minimum aggregate market value in low-priced equities required to receive an alert.	\$400K	\$75K	\$10M
Low-Pr Sec Conc %	The percentage portfolio concentration in low-priced equities required to receive an alert. This figure is computed by comparing low-priced security MVL to the total cash and security value.	80%	10%	100%
% Change	The percent change in the direction of interest that must occur for a situation to be considered significantly different from the previous month. If this occurs, an alert will be generated even if the account/household met the criteria during the previous month.	15%	0%	100%



Parameter	Description	Default	Min	Max
Equity Share Qty	The quantity threshold below which an equity order may be handled by an auto-execution system. To qualify for an alert, each order in a series must be for less than this threshold, and the cumulative quantity must be for more than this threshold.	2,001	2	100,000
Equity Time Limit	The total time span (in seconds) within which a series of equity orders must be entered to qualify for an alert.	30	2	18,000
Option Contract Qty	The quantity threshold below which an option order may be handled by an auto-execution system. To qualify for an alert, each order in a series must be for less than this threshold, and the cumulative quantity must be for more than this threshold.	21	2	10,000
Option Time Limit	The total time span (in seconds) within which a series of option orders must be entered to qualify for an alert.	15	2	18,000

Parameter	Description	Default	Min	Max
Min Before Mkt Close	The period of time (in minutes) before the end of regular trading hours in which an order may be considered for a Marking the Close alert.	2	1	6
Posn / Trd Qty Ratio	The minimum position—expressed as a multiple of the end-of-market trade quantity—that must be held in a margin (type 2 or 6) account to be considered a possible situation of interest.	20	2	1,000
% Pts Over Mgn Maint	For the account with a substantial position in the security of interest, the maximum number of percentage points by which the account's ending equity percentage may exceed its maintenance requirement (normally 35%).	5%	1%	40%

FIG. 25

27/38

Parameter	Description	Default	Min	Max
Improper Short Trd #	The number of improper short sales an account must make over the course of one month to qualify for an alert.	3	1	100

Parameter	Description	Default	Min	Max
Change from Market %	The percentage factor by which a possible extended-hours cross-trade in a security must deviate from both the recent closing price and the previous execution price for the security.	15%	1%	1,000%
Mkt Moving Trend #	The number of ensuing executions in the same price range as the cross-trade (or further away from the recent closing price) that will be interpreted as a market-moving trend. If such a trend occurs, an alert will not be generated on the cross-trade.	3	1	10,000
Similar Range %	The percent range around the cross-trade price within which ensuing trades will be considered "similarly priced." This is used to evaluate market trends—if enough trades have a similar price or are further from the closing price, a trend has occurred.	5	0	100

FIG. 27

Parameter	Description	Default	Min	Max
Act vs Exp Ratio	For a representative's activity in a particular security, the ratio of the actual versus expected number of unsolicited orders necessary to qualify for an alert.	4	2	100
Side of Market %	For a representative's activity in a particular security, the percentage of the customer orders that must be on one side of the market (either Buy or Sell) in order to qualify for an alert.	75%	60%	100%
Min Ords - Svc Tm	For representatives working in call centers or on service teams, the minimum number of orders that must be entered on one side of the market for a particular security in order to be considered for an alert.	20	4	100
Min Ords - Br Rep	For representatives working in branch offices, the minimum number of orders that must be entered on one side of the market for a particular security in order to be considered for an alert.	8	4	100
Min Accts - Svc Tm	For representatives working in call centers or on service teams, the minimum number of distinct customer accounts from which the representative must receive orders for a particular security in order to be considered for an alert.	10	1	100
Min Accts - Br Rep	For representatives working in branch offices, the minimum number of distinct customer accounts from which the representative must receive orders for a particular security in order to be considered for an alert.	4	1	100
Solicited Trades	The number of solicited orders that a representative must enter for a particular account to be considered a possible situation of interest. The representative must meet the criteria for solicited and unsolicited orders within the prescribed timeframe.	2	1	50
Unsolicited Trades	The number of unsolicited orders that a representative must enter for a particular account to be considered a possible situation of interest. The representative must meet the criteria for solicited and unsolicited orders within the prescribed timeframe.	2	1	50
Total Days	The total time span (in days) within which the representative must enter the solicited and unsolicited orders for a particular customer.	1	1	14

Parameter	Description	Default	Min	Max
Hrs b/t Trades	The maximum amount of time that may transpire between an employee entering a customer order and the employee placing a similar trade in his/her account. The time is expressed in market hours (i.e., 6.5 hours equals one business day).	13	0.1	13
Cust Eqty Shr Qt	The share quantity at or above which a customer's equity order can be considered for a shadowing alert. The customer trade must meet the minimum threshold in terms of share quantity or principal amount.	100	0	1M
Cust Eqty Prin Amt	The principal amount at or above which a customer's equity order can be considered for a shadowing alert. The customer trade must meet the minimum threshold in terms of share quantity or principal amount.	\$2K	\$0	\$10M
Cust Optn Cntr Qt	The contract quantity at or above which a customer's option order can be considered for a shadowing alert. The customer trade must meet the minimum threshold in terms of quantity or principal amount.	0	0	10,000
Cust Optn Prin Amt	The principal amount at or above which a customer's option order can be considered for a shadowing alert. The customer trade must meet the minimum threshold in terms of quantity or principal amount.	\$0	\$0	\$1M
Emp Eqty Shr Qt	The share quantity at or above which an employee's equity order can be considered for a shadowing alert. The employee trade must meet the minimum threshold in terms of share quantity or principal amount.	100	0	1M
Emp Eqty Prin Amt	The principal amount at or above which an employee's equity order can be considered for a shadowing alert. The employee trade must meet the minimum threshold in terms of share quantity or principal amount.	\$2K	\$0	\$10M
Emp Optn Cntr Qt	The contract quantity at or above which an employee's option order can be considered for a shadowing alert. The employee trade must meet the minimum threshold in terms of quantity or principal amount.	0	0	10,000
Emp Optn Prin Amt	The principal amount at or above which an employee's option order can be considered for a shadowing alert. The employee trade must meet the minimum threshold in terms of quantity or principal amount.	\$0	\$0	\$1M
Hrs b/t Trades - CC	The maximum amount of time between a control customer trade (involving the security in which he/she has a controlling role) and an employee order for a similar security. The time is expressed in market hours (i.e., 6.5 hours equals one business day).	13	0.1	13

Continued on 29B

Continued from 29A

⋮

31/38

Parameter	Description	Default	Min	Max
Ctrl Cust Eq Shr Qt	The minimum share quantity required for a control customer's order (involving the security in which he/she has a controlling role) to be considered a candidate for a shadowing alert. The trade can also qualify if it meets the Prin threshold.	5000	0	1M
Ctrl Cust Eq Prin	The minimum principal amount required for a control customer's order (involving the security in which he/she has a controlling role) to be considered a candidate for a shadowing alert. The trade can also qualify if it meets the Shr Qt threshold.	\$100K	\$0	\$10M
Ctrl Cust Op Cntr Qt	The minimum contract quantity required for a control customer's option order (involving the security in which he/she has a controlling role) to be considered a candidate for a shadowing alert. The trade can also qualify if it meets the Prin threshold.	50	0	10,000
Ctrl Cust Op Prin	The minimum principal amount required for a control customer's option order (involving the security in which he/she has a controlling role) to be considered a candidate for a shadowing alert. The trade can also qualify if it meets the Cntr Qt threshold.	\$50K	\$0	\$1M
Emp Eq Shr Qt - CC	For alerts involving the shadowing of a control customer order not entered by the employee, the minimum share quantity required for an employee's equity order to be considered in an alert. The trade can also qualify if it meets the Prin threshold.	100	0	1M
Emp Eq Prin - CC	For alerts involving the shadowing of a control customer order not entered by the employee, the principal amount required for an employee's equity order to be considered in an alert. The trade can also qualify if it meets the Shr Qt threshold.	\$2K	\$0	\$10M
Emp Op Cntr Qt - CC	For alerts involving the shadowing of a control customer order not entered by the employee, the minimum contract quantity required for an employee's option order to be considered in an alert. The trade can also qualify if it meets the Prin Amt threshold.	0	0	10,000
Emp Op Prin - CC	For alerts involving the shadowing of a control customer order not entered by the employee, the principal amount required for an employee's option order to be considered in an alert. The trade can also qualify if it meets the Cntr Qt threshold.	\$0	\$0	\$1M

Parameter	Description	Default	Min	Max
Seconds b/t Orders	The maximum amount of time that may transpire between an employee placing a trade in his/her account and the employee entering a customer or firm account order for a similar security. The time is expressed in seconds. The orders must occur during the same business day.	900	1	23,400
Cust Eq Ord Shr Qty	The share quantity at or above which a customer or proprietary account equity order may be considered a candidate for front-running.	500	0	1,000,000
Cust Op Ord Cntr Qty	The contract quantity at or above which a customer or proprietary account option order may be considered a candidate for front-running.	5	0	100,000
Cust Bd Ord Prin Amt	The principal amount at or above which a customer or proprietary account bond order may be considered a candidate for front-running.	\$25K	\$0	\$10M
Cust Ot Ord Prin Amt	The principal amount at or above which a customer or proprietary account order for an "other" security type (i.e., one that is not classified as an equity, option, bond, mutual fund, money market, or CD) may be considered a candidate for front-running.	\$25K	\$0	\$10M
Emp Eq Ord Shr Qty	The share quantity at or above which an employee's equity order may be considered in a front-running alert.	100	0	1,000,000
Emp Op Ord Cntr Qty	The contract quantity at or above which an employee's option order may be considered in a front-running alert.	1	0	100,000
Emp Bd Ord Prin Amt	The principal amount at or above which an employee's bond order may be considered in a front-running alert.	\$5K	\$0	\$10M
Emp Ot Ord Prin Amt	The principal amount at or above which an employee's order for an "other" security type (i.e., one that is not classified as an equity, option, bond, mutual fund, money market, or CD) may be considered in a front-running alert.	\$5K	\$0	\$10M

FIG. 30



Parameter	Description	Default	Min	Max
Time Ahead Large Ord	The amount of time (in seconds) within which an employee's order must precede a large order to be considered a possible situation of interest.	360	1	3,600
Time After Large Ord	The amount of time (in seconds) following a large order within which an employee must place a trade opposite to the one he/she made ahead of the large order. All orders involved in the possible front-running situation must take place on the same business day.	7,200	1	2,400
Employee Profit	The net profit that the employee must realize from the trades surrounding the large order.	\$100	(\$10K)	\$10K
Low Vol Eq Shr Qty	For non-heavily-traded equities, the share quantity at or above which an order is considered large enough to be a candidate for front-running. The order must meet the minimum threshold in terms of either share quantity or principal amount.	5,000	2,500	1,000,000
Low Vol Eq Prin Amt	For non-heavily-traded equities, the principal amount at or above which an order is considered large enough to be a candidate for front-running. The order must meet the minimum threshold in terms of either share quantity or principal amount.	\$50K	\$25K	\$10M
High Vol Eq Shr Qty	For heavily traded equities, the share quantity at or above which an order is considered large enough to be a candidate for front-running. The order must meet the minimum threshold in terms of either share quantity or principal amount.	25,000	2,500	1,000,000
High Vol Eq Prin Amt	For heavily traded equities, the principal amount at or above which an order is considered large enough to be a candidate for front-running. The order must meet the minimum threshold in terms of either share quantity or principal amount.	\$250K	\$25K	\$10M
Option Contract Qty	The contract quantity at or above which an option order is considered large enough to be a candidate for front-running.	5	1	100,000
Bond Prin Amt	The principal amount at or above which a bond order is considered large enough to be a candidate for front-running.	\$50K	\$25K	\$10M

FIG. 31

Parameter	Description	Default	Min	Max
% Security Pr Change	The percentage change relative to the previous day's close that must be observed for a security to be a candidate for an insider trading alert.	15%	10%	1,000%
% Pr Mvmt Attained	The percentage of the price differential—computed by comparing the current closing price to the previous day's closing price—that an employee must manage to attain to be considered for an insider trading alert.	50%	100%	0%

35/38

Parameter	Description	Default	Min	Max
% Orig Sec Sold	For the mutual fund(s) the customer switched out of, the percentage of the buys during the past 6 months that were sold as part of the switch trade(s).	25%	1%	100%

FIG. 33

Parameter	Description	Default	Min	Max
Hot IPO Defn - \$ Chg	The absolute price increase— measured from the initial trading price to the closing price—at or above which an IPO will be considered “hot.” An IPO can qualify as “hot” by meeting the absolute or percentage threshold.	\$2	\$0	\$100
Hot IPO Defn - % Chg	The percentage price increase— measured from the initial trading price to the closing price—at or above which an IPO will be considered “hot.” An IPO can qualify as “hot” by meeting the absolute or percentage threshold.	10%	1%	1,000%
% Alloc to Sub - Abs	The percentage allotment of IPO shares to a single subaccount that will automatically be considered disproportionate, regardless of how the subaccount’s allocation compares to its expected allotment.	25%	1%	100%
% Alloc to Sub - Min	The percentage allotment of IPO shares to a single subaccount that may be considered disproportionate, if the subaccount’s allocation also exceeds its expected allotment by more than a specified ratio.	10%	1%	100%
Ratio Act vs Exp Qty	The allocation of IPO shares to a subaccount—measured as a multiple of its expected allotment—that may be considered disproportionate, if the percentage of shares allocated to the subaccount also exceeds a minimum parameter. The expected allocation is based on the size of the subaccount relative to the total assets managed by the IA.	5	1	100

FIG. 34

Parameter	Description	Default	Min	Max
# Fav/Unfav Day Trds	The minimum number of “winning” or “losing” day-trade block allocations (i.e., the concurrent allotment of a buy and a sell) that a subaccount must receive over the course of a month to establish a pattern of favorable or unfavorable treatment by the IA.	4	1	100
% Day Trds Same Side	The percentage of the “winning” or “losing” day-trade block trade allocations that must have the end result (i.e., must be favorable or unfavorable) for the subaccount involved to establish a pattern of unequal treatment by the IA.	80%	50%	100%
Net P&L Day Trds - \$	The minimum net amount a subaccount must gain or lose as a result of day-trade block trade allocations to be considered for an alert.	\$1K	\$1	\$1M
Ratio Act/Exp DT P&L	The level of gains or losses from block day-trades for a subaccount—measured as a multiple of its expected gain/loss—that may be of interest. The expected P&L is based on the size of the subaccount relative to the total assets managed by the IA.	4	0	100
# Fav/Unfav Trds	The minimum number of “winning” or “losing” block trade allocations that a subaccount must receive over the course of a month to establish a pattern of favorable or unfavorable treatment by the IA.	8	1	100
% Trds Same Side	The percentage of the “winning” or “losing” block trade allocations that must have the end result (i.e., must be favorable or unfavorable) for the subaccount involved to establish a pattern of unequal treatment by the IA.	80%	50%	100%
Net P&L Trds - \$	The minimum net amount a subaccount must gain or lose as a result of block trade allocations to be considered for an alert.	\$1K	\$1	\$1M
Ratio Act/Exp P&L	The level of gains or losses from block trades for a subaccount—measured as a multiple of its expected gain/loss—that may be of interest. The expected P&L is based on the size of the subaccount relative to the total assets managed by the IA.	4	0	100

FIG. 35

Parameter	Description	Default	Min	Max
% Conc Level	The percentage of assets that must be held in a single equity position for an account to be classified as "concentrated."	50%	1%	100%
% Subs w/Conc Posns	The percentage of IA subaccounts that must have a concentrated position to create an IA-level alert.	50%	1%	100%
# HHs w/Conc Posns	The number of distinct household-security combinations (among the subaccounts for an IA) that must have a concentrated position to create an IA-level alert.	5	1	1,000